

INTERNATIONAL SEARCH REPORT

 International application No.
PCT/AU03/00796

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. ⁷ : B29C 70/46, 70/20, 70/22, B32B 5/12, A61F 2/60		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 4568582 A (KIKUZAWA et al) 4 February 1986 Column 8 line 8 – column 9 line 25, column 11 line 12 – column 12 line 13	1-13, 18, 27-28 14-17 and 19-26
X Y	US 4031181 A (SCHAEFER et al) 21 June 1977 Column 7 lines 23-52, column 8 line 17-31, Figure 15	1-13, 18, 27-28 14-17 and 19-26
X Y	GB 1364076 A (BRITISH AIRCRAFT CORPORATION LIMITED) 21 August 1974 Whole document	1-13, 18, 27-28 14-17 and 19-26
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 1 August 2003		Date of mailing of the international search report 04 SEP 2003
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer M. BREMERS Telephone No : (02) 6283 2052

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 4413860 A (PRESCOTT) 8 November 1983 Abstract, column 3 lines 27-32	1-13, 18, 27-28 14-17 and 19-26
X Y	Derwent Abstract Accession No. 2002-282553/33, classes A32 E11 EP 1074369 A (MICHELIN RECH & TECH) 7 February 2001 Abstract (&EP 1074369 A)	1-13, 18, 27-28 14-17 and 19-26
X Y	Derwent Abstract Accession No. 85-078927/13, classes A97 K08 JP 60032615 A (MITSUBISHI RAYON KK) 19 February 1985 Abstract	1-13, 18, 27-28 14-17 and 19-26
X Y	Derwent Abstract Accession No. 88-143594/21, class P73 JP 63084932 A (CIBA GEIGY AG) 15 April 1988 Abstract	1-13, 18, 27-28 14-17 and 19-26
X Y	US 5746773 A (LITTIG) 5 May 1998 Column 3 lines 38-54, Example	1-13, 18, 27-28 14-17 and 19-26
X Y	WO 96/08216 A (M+IND) 21 March 1996 Claims 26-28, 32	1-14, 18, 27-28 15-17 and 19-26
X	US 4376749 A (WOELFEL) 15 March 1983 Column 2 line 48 – column 3 line 25	13 and 28
X	Derwent Abstract Accession No. 92-214140/26, class A32 JP 04144712 A (KUSUO S) 19 May 1992 Abstract	28
X Y	CA 2035551 A (SOMAR CORP) 10 August 1991 Page 4 lines 7-24	27 2 and 3
Y	US 4167429 A (ACKLEY) 11 September 1979 Column 3 line 65 – column 4 line 11	2
Y	US 4959073 A (MERLETTE) 25 September 1990 Whole document	14-26
Y	US 4547913 A (PHILLIPS) 22 October 1985 Whole document	14-26

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00796

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
US 4568582	AU 25123/84	DE 3407229	FR 2541620
	JP 59156718	JP 60011346	
US 4031181	JP 49015534	US 3840230	US 3889951
	US 3856603		
GB 1364076	NONE		
US 4413860	NONE		
EP 1074369	BR 200003354	JP 2001088222	
JP 60032615	NONE		
JP 63084932	NONE		
US 5746773	NONE		
WO 9608216	EP 729326	US 5571207	
US 4376749	CA 1130344	CA 1154053	DE 3006227
	FR 2449542	GB 2045700	GB 2117695
	GB 2117696	JP 55133949	US 4294490
	US 4294639	CA 1130345	CA 1154054
	US 4514013	US 4583933	
JP 4144712	NONE		
CA 2035551	JP 3234506	US 5208090	
US 4167429	US 4211818		
US 4959073	NONE		
US 4547913	NONE		
END OF ANNEX			